SUBJECT INDEX

Airblast

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

Airfields

Joint Spalling in Newly Constructed Concrete Pavements, Raymond S. Rollings, CF Aug. 98, p137-144.

Airport runways

Investigation of Joint Spalling on a Concrete Runway, Raymond S. Rollings, Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19.

Performance of Plain Concrete Runway Pavement, I. Ahmed, M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157.

Alkalinity

Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

ASCE Publications

Editor's Note, Kenneth L. Carper, CF May 98, p49-50.

Australia

Rapid Reservoir Sedimentation of Four Historic Thin Arch Dams in Australia, H. Chanson and P. James, CF May 98, p85-92.

Beam columns

Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Blast effects

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, Mete A. Sozen, Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136.

The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Blast loads

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

Bonding

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Bridges

Evaluation of Existing RC Slab Bridges, Vijay K. Saraf, CF Feb. 98, p20-24.

Bridges, steel

Field Evaluation of Fatigue Cracking in Diaphragm-Girder Connections, T. E. Cousins, J. M. Stallings, D. A. Lower and T. E. Stafford, CF Feb. 98, p25-32.

Brittle fractures

Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, David P. O'Sullivan, Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220.

Building codes

Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, James M. W. Brownjohn, and Chee-Keong Ang, CF Feb. 98, p33-40.

Buildings

The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, Mete A. Sozen, Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136.

Buildings, office

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

Cables

Investigation into Cause of Failure of 22 kV PILC Cable, Yoke Lin Tan, CF Aug. 98, p162-165.

Case reports

Civil Engineering Education Through Case Studies of Failures, Roberto Pietroforte, CF May 98, p51-55.

Editor's Note, Kenneth L. Carper, CF May 98, p49-50.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Chlorides

Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Civil engineering

Civil Engineering Education Through Case Studies of Failures, Roberto Pietroforte, CF May 98, p51-55.

Collapse

The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Concrete

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Investigation of Joint Spalling on a Concrete Runway, Raymond S. Rollings, Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19.

Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Concrete construction

Investigating the Adequacy of Vertical Design Loads for Shoring, A. V. Kothekar, D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47.

Concrete pavements

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Joint Spalling in Newly Constructed Concrete Pavements, Raymond S. Rollings, CF Aug. 98, p137-144.

Performance of Plain Concrete Runway Pavement, I. Ahmed, M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157.

Concrete, reinforced

Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Evaluation of Existing RC Slab Bridges, Vijay K. Saraf, CF Feb. 98, p20-24.

Connections

Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, David P. O'Sullivan, Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220.

Connections, bolted

Field Evaluation of Fatigue Cracking in Diaphragm-Girder Connections, T. E. Cousins, J. M. Stallings, D. A. Lower and T. E. Stafford, CF Feb. 98, p25-32.

Connections, welded

Editor's Note. Lessons Learned from the 1994 Northridge Earthquake: Performance of Steel Moment Frames, Kenneth L. Carper, CF Nov. 98, p171.

Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Construction methods

Joint Spalling in Newly Constructed Concrete Pavements, Raymond S. Rollings, CF Aug. 98, p137-144.

The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Reliability of Energy Method to Predict Lift Slab Structures Stability, Rusk Masih and Vladimer Hambertsumian, CF Aug. 98, p153-160.

Corrosion resistance

Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Cracks

Investigation of Joint Spalling on a Concrete Runway, Raymond S. Rollings, Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19.

Performance of Plain Concrete Runway Pavement, I. Ahmed, M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157.

Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Cyanides

Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Dam failure

Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Damage assessment

Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, Mete A. Sozen, Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136.

Dams, arch

Rapid Reservoir Sedimentation of Four Historic Thin Arch Dams in Australia, H. Chanson and P. James, CF May 98, p85-92.

Dams, earth

Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Data collection

Summary Interpretation of SAC Survey Data on Damaged Welded Steel Moment Frames, William E. Gates, CF Nov. 98, p180-185.

Delaminating

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Design criteria

Editor's Note: Bombing of the Oklahoma City Federal Building, Kenneth L. Carper, CF Aug. 98, p99.

Design improvements

Editor's Note: Bombing of the Oklahoma City Federal Building, Kenneth L. Carper, CF Aug. 98, p99.

National Program to Improve Seismic Performance of Steel Frame Buildings, Stephen A. Mahin, Ronald O. Hamburger and James O. Malley, CF Nov. 98, p172-179.

Design standards

Investigating the Adequacy of Vertical Design Loads for Shoring, A. V. Kothekar, D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47.

SUBJECT INDEX

Airblast

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

Airfields

Joint Spalling in Newly Constructed Concrete Pavements, Raymond S. Rollings, CF Aug. 98, p137-144.

Airport runways

Investigation of Joint Spalling on a Concrete Runway, Raymond S. Rollings, Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19.

Performance of Plain Concrete Runway Pavement, I. Ahmed, M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157.

Alkalinity

Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

ASCE Publications

Editor's Note, Kenneth L. Carper, CF May 98, p49-50.

Australia

Rapid Reservoir Sedimentation of Four Historic Thin Arch Dams in Australia, H. Chanson and P. James, CF May 98, p85-92.

Beam columns

Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Blast effects

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, Mete A. Sozen, Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136.

The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Blast loads

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

Bonding

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Bridges

Evaluation of Existing RC Slab Bridges, Vijay K. Saraf, CF Feb. 98, p20-24.

Bridges, steel

Field Evaluation of Fatigue Cracking in Diaphragm-Girder Connections, T. E. Cousins, J. M. Stallings, D. A. Lower and T. E. Stafford, CF Feb. 98, p25-32.

Brittle fractures

Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, David P. O'Sullivan, Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220.

Building codes

Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, James M. W. Brownjohn, and Chee-Keong Ang, CF Feb. 98, p33-40.

Buildings

The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, Mete A. Sozen, Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136.

Buildings, office

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

Cables

Investigation into Cause of Failure of 22 kV PILC Cable, Yoke Lin Tan, CF Aug. 98, p162-165.

Case reports

Civil Engineering Education Through Case Studies of Failures, Roberto Pietroforte, CF May 98, p51-55.

Editor's Note, Kenneth L. Carper, CF May 98, p49-50.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Chlorides

Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Civil engineering

Civil Engineering Education Through Case Studies of Failures, Roberto Pietroforte, CF May 98, p51-55.

Collapse

The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Concrete

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Investigation of Joint Spalling on a Concrete Runway, Raymond S. Rollings, Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19.

Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Concrete construction

Investigating the Adequacy of Vertical Design Loads for Shoring, A. V. Kothekar, D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47.

Concrete pavements

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Joint Spalling in Newly Constructed Concrete Pavements, Raymond S. Rollings, CF Aug. 98, p137-144.

Performance of Plain Concrete Runway Pavement, I. Ahmed, M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157.

Concrete, reinforced

Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Evaluation of Existing RC Slab Bridges, Vijay K. Saraf, CF Feb. 98, p20-24.

Connections

Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, David P. O'Sullivan, Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220.

Connections, bolted

Field Evaluation of Fatigue Cracking in Diaphragm-Girder Connections, T. E. Cousins, J. M. Stallings, D. A. Lower and T. E. Stafford, CF Feb. 98, p25-32.

Connections, welded

Editor's Note. Lessons Learned from the 1994 Northridge Earthquake: Performance of Steel Moment Frames, Kenneth L. Carper, CF Nov. 98, p171.

Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Construction methods

Joint Spalling in Newly Constructed Concrete Pavements, Raymond S. Rollings, CF Aug. 98, p137-144.

The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Reliability of Energy Method to Predict Lift Slab Structures Stability, Rusk Masih and Vladimer Hambertsumian, CF Aug. 98, p153-160.

Corrosion resistance

Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Cracks

Investigation of Joint Spalling on a Concrete Runway, Raymond S. Rollings, Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19.

Performance of Plain Concrete Runway Pavement, I. Ahmed, M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157.

Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Cyanides

Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Dam failure

Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Damage assessment

Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, Mete A. Sozen, Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136.

Dams, arch

Rapid Reservoir Sedimentation of Four Historic Thin Arch Dams in Australia, H. Chanson and P. James, CF May 98, p85-92.

Dams, earth

Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Data collection

Summary Interpretation of SAC Survey Data on Damaged Welded Steel Moment Frames, William E. Gates, CF Nov. 98, p180-185.

Delaminating

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Design criteria

Editor's Note: Bombing of the Oklahoma City Federal Building, Kenneth L. Carper, CF Aug. 98, p99.

Design improvements

Editor's Note: Bombing of the Oklahoma City Federal Building, Kenneth L. Carper, CF Aug. 98, p99.

National Program to Improve Seismic Performance of Steel Frame Buildings, Stephen A. Mahin, Ronald O. Hamburger and James O. Malley, CF Nov. 98, p172-179.

Design standards

Investigating the Adequacy of Vertical Design Loads for Shoring, A. V. Kothekar, D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47.

Diaphragms
Field Evaluation of Fatigue Cracking in Diaphragm-Girder Connections, T. E. Cousins, J. M. Stallings, D. A. Lower and T. E. Stafford, CF Feb. 98, p25-32.

Differential settlement
Settlement Behavior of Posttensioned Slabs-on-Grade, Robert W. Day, CF May 98, p56-61.

Disasters
Editor's Note: Bombing of the Oklahoma City Federal Building, Kenneth L. Carper, CF Aug. 98, p99.

Dynamic analysis
Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Dynamic response
Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, James M. W. Brownjohn, and Chee-Keong Ang, CF Feb. 98, p33-40.

Earthquake damage
Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, David P. O'Sullivan, Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220.

Summary Interpretation of SAC Survey Data on Damaged Welded Steel Moment Frames, William E. Gates, CF Nov. 98, p180-185.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Earthquake resistant structures
National Program to Improve Seismic Performance of Steel Frame Buildings, Stephen A. Mahin, Ronald O. Hamburger and James O. Malley, CF Nov. 98, p172-179.

Earthquakes
Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Editor's Note. Lessons Learned from the 1994 Northridge Earthquake: Performance of Steel Moment Frames, Kenneth L. Carper, CF Nov. 98, p171.

Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, James M. W. Brownjohn, and Chee-Keong Ang, CF Feb. 98, p33-40.

National Program to Improve Seismic Performance of Steel Frame Buildings, Stephen A. Mahin, Ronald O. Hamburger and James O. Malley, CF Nov. 98, p172-179.

The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Earthwork
Settlement Behavior of Posttensioned Slabs-on-Grade, Robert W. Day, CF May 98, p56-61.

Electroosmosis
Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Energy methods
Reliability of Energy Method to Predict Lift Slab Structures Stability, Rusk Masih and Vladimer Hambertsumian, CF Aug. 98, p153-160.

Engineering education
Civil Engineering Education Through Case Studies of Failures, Roberto Pietroforte, CF May 98, p51-55.

Erosion
Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Explosions
Editor's Note: Bombing of the Oklahoma City Federal Building, Kenneth L. Carper, CF Aug. 98, p99.

Extraction procedures
Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Failure modes
Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, David P. O'Sullivan, Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220.

Failures
Investigation into Cause of Failure of 22 kV PILC Cable, Yoke Lin Tan, CF Aug. 98, p162-165.

Investigation of Sewer-Line Failure, Steven C. Helfrich, CF Feb. 97, p42-44.

Rapid Reservoir Sedimentation of Four Historic Thin Arch Dams in Australia, H. Chanson and P. James, CF May 98, p85-92.

Failures, investigations
Civil Engineering Education Through Case Studies of Failures, Roberto Pietroforte, CF May 98, p51-55.

The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, Mete A. Sozen, Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136.

Performance of Plain Concrete Runway Pavement, I. Ahmed, M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157.

Fatigue
Field Evaluation of Fatigue Cracking in Diaphragm-Girder Connections, T. E. Cousins, J. M. Stallings, D. A. Lower and T. E. Stafford, CF Feb. 98, p25-32.

Field tests
Evaluation of Existing RC Slab Bridges, Vijay K. Saraf, CF Feb. 98, p20-24.

Field Evaluation of Fatigue Cracking in Diaphragm-Girder Connections, T. E. Cousins, J. M. Stallings, D. A. Lower and T. E. Stafford, CF Feb. 98, p25-32.

Investigation of Sewer-Line Failure, Steven C. Helfrich, CF Feb. 97, p42-44.

Forensic engineering
Editor's Note, Kenneth L. Carper, CF Feb. 98, p1-2.

Formwork, construction
Investigating the Adequacy of Vertical Design Loads for Shoring, A. V. Kothekar, D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47.

Foundation performance
Effects of Ground Subsidence on a House, R. M. Bennett, E. C. Drumm, G. Lin, T. Triplett and L. Powell, CF Nov. 96, p152-158.

Framed structures
Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Ground motion
Effects of Ground Subsidence on a House, R. M. Bennett, E. C. Drumm, G. Lin, T. Triplett and L. Powell, CF Nov. 96, p152-158.

Settlement Behavior of Posttensioned Slabs-on-Grade, Robert W. Day, CF May 98, p56-61.

Guidelines
Editor's Note, Kenneth L. Carper, CF May 98, p49-50.

Highways
Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Houses
Effects of Ground Subsidence on a House, R. M. Bennett, E. C. Drumm, G. Lin, T. Triplett and L. Powell, CF Nov. 96, p152-158.

Infrastructure
Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Inspection
Investigation of Sewer-Line Failure, Steven C. Helfrich, CF Feb. 97, p42-44.

Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Instrumentation
Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, James M. W. Brownjohn, and Chee-Keong Ang, CF Feb. 98, p33-40.

Insulation
Investigation into Cause of Failure of 22 kV PILC Cable, Yoke Lin Tan, CF Aug. 98, p162-165.

Joints
Investigation of Joint Spalling on a Concrete Runway, Raymond S. Rollings, Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19.

Joint Spalling in Newly Constructed Concrete Pavements, Raymond S. Rollings, CF Aug. 98, p137-144.

Lateral loads
Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, James M. W. Brownjohn, and Chee-Keong Ang, CF Feb. 98, p33-40.

Leonardo, Gerald
Editor's Note, Kenneth L. Carper, CF Feb. 98, p1-2.

Lift slab construction
Reliability of Energy Method to Predict Lift Slab Structures Stability, Rusk Masih and Vladimer Hambertsumian, CF Aug. 98, p153-160.

Liners
Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Loads
Evaluation of Existing RC Slab Bridges, Vijay K. Saraf, CF Feb. 98, p20-24.

Investigating the Adequacy of Vertical Design Loads for Shoring, A. V. Kothekar, D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47.

Moments
Editor's Note. Lessons Learned from the 1994 Northridge Earthquake: Performance of Steel Moment Frames, Kenneth L. Carper, CF Nov. 98, p171.

Nondestructive tests
Evaluation of Existing RC Slab Bridges, Vijay K. Saraf, CF Feb. 98, p20-24.

Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Obituaries
Editor's Note, Kenneth L. Carper, CF Feb. 98, p1-2.

Oklahoma
Editor's Note: Bombing of the Oklahoma City Federal Building, Kenneth L. Carper, CF Aug. 98, p99.

The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, Paul F. Mlakar, Sr., W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119.

The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, Mete A. Sozen, Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136.

Pavement overlays
Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Performance evaluation
Investigating Performance of Bonded Concrete Overlays, Norbert J. Delatte, Jr., P.E., David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70.

Performance of Plain Concrete Runway Pavement, I. Ahmed, M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157.

Phosphoric acid
Differential Upheaval of Phosphoric Acid Storage Tanks in Aqaba-Jordan, Abdullah Assa'ad, CF May 98, p71-76.

Pipeline design
Investigation of Sewer-Line Failure, Steven C. Helfrich, CF Feb. 97, p42-44.

Ponds
Failure of Cyanide Overflow Pond Dam, Gerald A. Leonards and Richard J. Deschamps, CF Feb. 98, p3-11.

Post tensioning
Settlement Behavior of Posttensioned Slabs-on-Grade, Robert W. Day, CF May 98, p56-61.

Priorities
Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Private sector
Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

Progressive failure
The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Publishing
Editor's Note, Kenneth L. Carper, CF May 98, p49-50.

Questionnaires
Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Ratings
Evaluation of Existing RC Slab Bridges, Vijay K. Saraf, CF Feb. 98, p20-24.

Reliability analysis
Reliability of Energy Method to Predict Lift Slab Structures Stability, Rusk Masih and Vladimer Hambertsumian, CF Aug. 98, p153-160.

Reservoirs
Rapid Reservoir Sedimentation of Four Historic Thin Arch Dams in Australia, H. Chanson and P. James, CF May 98, p85-92.

Retrofitting
Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, David P. O'Sullivan, Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220.

Safety
Investigating the Adequacy of Vertical Design Loads for Shoring, A. V. Kothekar, D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47.

Sedimentation
Rapid Reservoir Sedimentation of Four Historic Thin Arch Dams in Australia, H. Chanson and P. James, CF May 98, p85-92.

Seismic response
National Program to Improve Seismic Performance of Steel Frame Buildings, Stephen A. Mahin, Ronald O. Hamburger and James O. Malley, CF Nov. 98, p172-179.

Serviceability
Effects of Ground Subsidence on a House, R. M. Bennett, E. C. Drumm, G. Lin, T. Triplett and L. Powell, CF Nov. 96, p152-158.

Settlement analysis
Settlement Behavior of Posttensioned Slabs-on-Grade, Robert W. Day, CF May 98, p56-61.

Sewer pipes
Investigation of Sewer-Line Failure, Steven C. Helfrich, CF Feb. 97, p42-44.

Shoring
Investigating the Adequacy of Vertical Design Loads for Shoring, A. V. Kothekar, D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47.

Slabs
Settlement Behavior of Posttensioned Slabs-on-Grade, Robert W. Day, CF May 98, p56-61.

Soil swelling
Differential Upheaval of Phosphoric Acid Storage Tanks in Aqaba-Jordan, Abdullah Assa'ad, CF May 98, p71-76.

Spalling
Investigation of Joint Spalling on a Concrete Runway, Raymond S. Rollings, Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19.

Joint Spalling in Newly Constructed Concrete Pavements, Raymond S. Rollings, CF Aug. 98, p137-144.

State agencies
Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Steel
Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, Emmanuel E. Velivasakis, Sten K. Henriksen and David Whitmore, CF May 98, p77-84.

Performance of Steel Frame Building Which Experienced Intense Ground Motion, James C. Anderson and Roy G. Johnston, CF Nov. 98, p186-198.

Recent Trends in Nondestructive Inspections in State Highway Agencies, Kevin L. Rens, P.E. and David J. Transue, CF May 98, p94-96.

Steel frames
Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

Editor's Note. Lessons Learned from the 1994 Northridge Earthquake: Performance of Steel Moment Frames, Kenneth L. Carper, CF Nov. 98, p171.

National Program to Improve Seismic Performance of Steel Frame Buildings, Stephen A. Mahin, Ronald O. Hamburger and James O. Malley, CF Nov. 98, p172-179.

Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, David P. O'Sullivan, Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220.

Summary Interpretation of SAC Survey Data on Damaged Welded Steel Moment Frames, William E. Gates, CF Nov. 98, p180-185.

Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Steel structures
Editor's Note. Lessons Learned from the 1994 Northridge Earthquake: Performance of Steel Moment Frames, Kenneth L. Carper, CF Nov. 98, p171.

Storage tanks
Differential Upheaval of Phosphoric Acid Storage Tanks in Aqaba-Jordan, Abdullah Assa'ad, CF May 98, p71-76.

Structural analysis
Summary of SAC Case Study Building Analyses, Gregory G. Deierlein, CF Nov. 98, p202-212.

Structural failures
Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Building Department's Response to EQ Damage to Steel Frame Buildings, Richard E. Holguin, CF Nov. 98, p199-201.

Effects of Ground Subsidence on a House, R. M. Bennett, E. C. Drumm, G. Lin, T. Triplett and L. Powell, CF Nov. 96, p152-158.

Structural stability
Reliability of Energy Method to Predict Lift Slab Structures Stability, Rusk Masih and Vladimer Hambertsumian, CF Aug. 98, p153-160.

Structural strength
The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, W. Gene Corley, Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112.

Subsidence
Effects of Ground Subsidence on a House, R. M. Bennett, E. C. Drumm, G. Lin, T. Triplett and L. Powell, CF Nov. 96, p152-158.

Subsurface investigations
Investigation of Sewer-Line Failure, Steven C. Helfrich, CF Feb. 97, p42-44.

Surveys, data collection
Summary Interpretation of SAC Survey Data on Damaged Welded Steel Moment Frames, William E. Gates, CF Nov. 98, p180-185.

Swelling pressure
Differential Upheaval of Phosphoric Acid Storage Tanks in Aqaba-Jordan, Abdullah Assa'ad, CF May 98, p71-76.

Tall buildings
Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, James M. W. Brownjohn, and Chee-Keong Ang, CF Feb. 98, p33-40.

Teaching methods
Civil Engineering Education Through Case Studies of Failures, Roberto Pietroforte, CF May 98, p51-55.

Testing
Investigation into Cause of Failure of 22 kV PILC Cable, Yoke Lin Tan, CF Aug. 98, p162-165.

Three-dimensional analysis
Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, Jerome F. Hajjar, Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231.

Underground construction
Investigation into Cause of Failure of 22 kV PILC Cable, Yoke Lin Tan, CF Aug. 98, p162-165.

Uplift
Differential Upheaval of Phosphoric Acid Storage Tanks in Aqaba-Jordan, Abdullah Assa'ad, CF May 98, p71-76.

Welds
Summary Interpretation of SAC Survey Data on Damaged Welded Steel Moment Frames, William E. Gates, CF Nov. 98, p180-185.

Wind loads
Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, James M. W. Brownjohn, and Chee-Keong Ang, CF Feb. 98, p33-40.

Writing papers
Editor's Note, Kenneth L. Carper, CF Feb. 98, p1-2.

AUTHOR INDEX

Ahmed, I.
Performance of Plain Concrete Runway Pavement, with M. H. Rahman, S. M. Seraj and A. M. Hogue, CF Aug. 98, p145-157

Anderson, James C.
Performance of Steel Frame Building Which Experienced Intense Ground Motion, with Roy G. Johnston, CF Nov. 98, p186-198

Ang, Chee-Keong
see Brownjohn,, James M. W., CF Feb. 98, p33-40

Assa'ad, Abdullah
Differential Upheaval of Phosphoric Acid Storage Tanks in Aqaba-Jordan, CF May 98, p71-76

Bennett, R. M.
Effects of Ground Subsidence on a House, with E. C. Drumm, G. Lin, T. Triplett and L. Powell, CF Nov. 96, p152-158
disc: Ernest M. To, CF May 98, p98
clo: CF May 98, p98

Brownjohn,, James M. W.
Full-Scale Dynamic Response of High-Rise Building to Lateral Loading, with Chee-Keong Ang, CF Feb. 98, p33-40

Burkes, Jerry P.
see Rollings, Raymond S., CF Feb. 98, p12-19

Carper, Kenneth L.
Editor's Note, CF Feb. 98, p1-2
Editor's Note, CF May 98, p49-50
Editor's Note: Bombing of the Oklahoma City Federal Building, CF Aug. 98, p99
Editor's Note. Lessons Learned from the 1994 Northridge Earthquake: Performance of Steel Moment Frames, CF Nov. 98, p171

Chanson, H.
Rapid Reservoir Sedimentation of Four Historic Thin Arch Dams in Australia, with P. James, CF May 98, p85-92
err: CF Aug. 98, p169

Corley, W. Gene
The Oklahoma City Bombing: Summary and Recommendations for Multihazard Mitigation, with Paul F. Mlakar, Sr., Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p100-112
see Mlakar, Paul F., Sr., CF Aug. 98, p113-119
see Sozen, Mete A., CF Aug. 98, p120-136

Cousins, T. E.
Field Evaluation of Fatigue Cracking in Diaphragm-Girder Connections, with J. M. Stallings, D. A. Lower and T. E. Stafford, CF Feb. 98, p25-32

Day, Robert W.
Settlement Behavior of Posttensioned Slabs-on-Grade, CF May 98, p56-61
disc. (of Investigation of Sewer-Line Failure, by Steven C. Helfrich, CF Feb. 97, p42-44), CF Aug. 98, p167-168

Deierlein, Gregory G.
Summary of SAC Case Study Building Analyses, CF Nov. 98, p202-212

Delatte, Norbert J., Jr., P.E.
Investigating Performance of Bonded Concrete Overlays, with David W. Fowler, P.E., B. Frank McCullough, P.E. and Stefan F. Gräter, CF May 98, p62-70

Deschamps, Richard J.
see Leonards, Gerald A., CF Feb. 98, p3-11

Drumm, E. C.
see Bennett, R. M., CF Nov. 96, p152-158

Fowler, David W., P.E.
see Delatte, Norbert J., Jr., P.E., CF May 98, p62-70

Gates, William E.
Summary Interpretation of SAC Survey Data on Damaged Welded Steel Moment Frames, CF Nov. 98, p180-185

Gourley, Brett C.
see Hajjar, Jerome F., CF Nov. 98, p221-231

Gräter, Stefan F.
see Delatte, Norbert J., Jr., P.E., CF May 98, p62-70

Hajjar, Jerome F.
Analysis of Mid-Rise Steel Frame Damaged in Northridge Earthquake, with Brett C. Gourley, David P. O'Sullivan and Roberto T. Leon, CF Nov. 98, p221-231
see O'Sullivan, David P., CF Nov. 98, p213-220

Hambertsumian, Vladimer
see Masih, Rusk, CF Aug. 98, p153-160

Hamburger, Ronald O.
see Mahin, Stephen A., CF Nov. 98, p172-179

Hammons, Michael I.
see Rollings, Raymond S., CF Feb. 98, p12-19

Helfrich, Steven C.
Investigation of Sewer-Line Failure, CF Feb. 97, p42-44
disc: Robert W. Day, CF Aug. 98, p167-168
clo: CF Aug. 98, p168

Henriksen, Sten K.
see Velivasakis, Emmanuel E., CF May 98, p77-84

Hogue, A. M.
see Ahmed, I., CF Aug. 98, p145-157

Holguin, Richard E.
Building Department's Response to EQ Damage to Steel Frame Buildings, CF Nov. 98, p199-201

Huston, D. R.
see Kothekar, A. V., CF Feb. 98, p41-47

James, P.
see Chanson, H., CF May 98, p85-92

Johnston, Roy G.
see Anderson, James C., CF Nov. 98, p186-198

Kothekar, A. V.
Investigating the Adequacy of Vertical Design Loads for Shoring, with D. V. Rosowsky and D. R. Huston, CF Feb. 98, p41-47

Leon, Roberto T.
see Hajjar, Jerome F., CF Nov. 98, p221-231
see O'Sullivan, David P., CF Nov. 98, p213-220

Leonards, Gerald A.
Failure of Cyanide Overflow Pond Dam, with Richard J. Deschamps, CF Feb. 98, p3-11

Lin, G.
see Bennett, R. M., CF Nov. 96, p152-158

Lower, D. A.
see Cousins, T. E., CF Feb. 98, p25-32

Mahin, Stephen A.
National Program to Improve Seismic Performance of Steel Frame Buildings, with Ronald O. Hamburger and James O. Malley, CF Nov. 98, p172-179

Malley, James O.
see Mahin, Stephen A., CF Nov. 98, p172-179

Masih, Rusk
Reliability of Energy Method to Predict Lift Slab Structures Stability, with Vladimer Hambertsumian, CF Aug. 98, p153-160

McCullough, B. Frank, P.E.
see Delatte, Norbert J., Jr., P.E., CF May 98, p62-70

Mlakar, Paul F., Sr.
The Oklahoma City Bombing: Analysis of Blast Damage to the Murrah Building, with W. Gene Corley, Mete A. Sozen and Charles H. Thornton, CF Aug. 98, p113-119
see Corley, W. Gene, CF Aug. 98, p100-112
see Sozen, Mete A., CF Aug. 98, p120-136

O'Sullivan, David P.
Repairs to Mid-Rise Steel Frame Damaged in Northridge Earthquake, with Jerome F. Hajjar and Roberto T. Leon, CF Nov. 98, p213-220
see Hajjar, Jerome F., CF Nov. 98, p221-231

Pietroforte, Roberto
Civil Engineering Education Through Case Studies of Failures, CF May 98, p51-55

Powell, L.
see Bennett, R. M., CF Nov. 96, p152-158

Rahman, M. H.
see Ahmed, I., CF Aug. 98, p145-157

Rens, Kevin L., P.E.
Recent Trends in Nondestructive Inspections in State Highway Agencies, with David J. Transue, CF May 98, p94-96

Rollings, Marian P.
see Rollings, Raymond S., CF Feb. 98, p12-19

Rollings, Raymond S.
Investigation of Joint Spalling on a Concrete Runway, with Jerry P. Burkes, Michael I. Hammons, G. Sam Wong and Marian P. Rollings, CF Feb. 98, p12-19
Joint Spalling in Newly Constructed Concrete Pavements, CF Aug. 98, p137-144

Rosowsky, D. V.
see Kothekar, A. V., CF Feb. 98, p41-47

Saraf, Vijay K.
Evaluation of Existing RC Slab Bridges, CF Feb. 98, p20-24

Seraj, S. M.
see Ahmed, I., CF Aug. 98, p145-157

Sozen, Mete A.
The Oklahoma City Bombing: Structure and Mechanisms of the Murrah Building, with Charles H. Thornton, Paul F. Mlakar, Sr. and W. Gene Corley, CF Aug. 98, p120-136
see Corley, W. Gene, CF Aug. 98, p100-112
see Mlakar, Paul F., Sr., CF Aug. 98, p113-119

Stafford, T. E.
see Cousins, T. E., CF Feb. 98, p25-32

Stallings, J. M.
see Cousins, T. E., CF Feb. 98, p25-32

Tan, Yoke Lin
Investigation into Cause of Failure of 22 kV PILC Cable, CF Aug. 98, p162-165

Thornton, Charles H.
see Corley, W. Gene, CF Aug. 98, p100-112
see Mlakar, Paul F., Sr., CF Aug. 98, p113-119
see Sozen, Mete A., CF Aug. 98, p120-136

To, Ernest M.
disc. (of Effects of Ground Subsidence on a House, by R. M. Bennett, E. C. Drumm, G. Lin, T. Triplett and L. Powell, CF Nov. 96, p152-158), CF May 98, p98

Transue, David J.
see Rens, Kevin L., P.E., CF May 98, p94-96

Triplett, T.
see Bennett, R. M., CF Nov. 96, p152-158

Velivasakis, Emmanuel E.
Chloride Extraction and Realkalization of Reinforced Concrete Stop Steel Corrosion, with Sten K. Henriksen and David Whitmore, CF May 98, p77-84

Whitmore, David
see Velivasakis, Emmanuel E., CF May 98, p77-84

Wong, G. Sam
see Rollings, Raymond S., CF Feb. 98, p12-19